

Pavement Width	No. of Dowels
12'	12
14'	14




Spaces between dowel bars are nominal dimensions with a 1/4" allowable tolerance.



Wire size shown are minimum required, and the wire shall have a minimum tensile strength of 50 KSI.

- ① (8) anchor pins minimum required, 4 per side. Anchor pins shall be a minimum 12" long and shall prevent movement of assembly during construction.
- ② Weld alternately thru-out.
- ③ #1/0 gage (.306) wire
- ④ (3) #10 gage (.135) wire minimum, tie wire welded or friction fit to top longitudinal wire, both sides.
- ⑤ First shall be a minimum of #1/0 gage (.306) wire and have minimum length of 12"
- ⑥ Measured from the centerline of dowel bar to bottom of support wire  $\pm 1/4"$ .
- ⑦ Diameter of bend around dowel is dowel diameter  $\pm 1/8"$  to  $3/16"$ .

 Iowa Department of Transportation Highway Division	
<b>STANDARD ROAD PLAN</b>	
<b>RH-57</b>	
REVISION: Clarify Tolerance in Elevation View.	REVISION NO. 2
<i>William J. Allen</i>	
APPROVED BY DESIGN METHODS ENGINEER	
FABRICATION DETAILS CONTRACTION JOINT SKEWED DOWEL ASSEMBLY	